

Title (en)

DEVICE FOR OPHTHALMOLOGICALLY TREATING THE EYE USING A FIXATION LIGHT BEAM

Title (de)

VORRICHTUNG FÜR DIE OPHTHALMOLOGISCHE AUGENBEHANDLUNG MIT FIXIERLICHTSTRAHL

Title (fr)

DISPOSITIF DE TRAITEMENT OPHTHALMOLOGIQUE DES YEUX PAR FAISCEAU LUMINEUX DE FIXATION

Publication

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Application

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Abstract (en)

[origin: WO0150990A2] The invention relates to a device for ophthalmologically treating the eye which comprises a treatment laser beam (UV) for ablating portions of the cornea (12) and a fixation light beam (24). A camera (40) is used to reproduce a fixation light spot in the vicinity of the fovea (30) while reproducing an image of the fovea. This makes it possible to verify if the patient is reliably fixated on the fixation light source (22). In addition, the pupil can also be recorded and both images can be superimposed.

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